Fitchburg

166 Boulder Drive, Suite 108 Fitchburg, MA 01420 Phone 978-829-1843 Fax 978-345-9698

Board Members

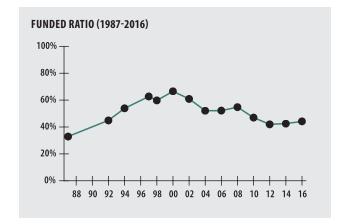
Norman J. LeBlanc (Chairperson), Calvin Brooks, John C. Curran, Thomas A. Dateo, Jr., Ellen M. Jerszyk

Board Administrator

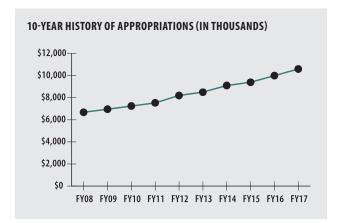
Tina Schneider

Board Meeting

Fourth Tuesday of each month at 10:00 am



INVESTMENT RETURN (2012-2016, 5 YEAR AND 32 YEAR AVERAGES) 14% 12% 10% 8% 6% 2% 15 12-16 85-16

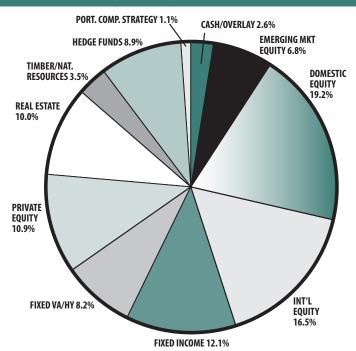


32 years 2016 31 years 2015 30 years 2014 7.55% 7.54% 7.76% 10 years 2016 10 years 2014 10 years 2015 4.68% 5.11% 5.65% 5 years 2016 5 years 2015 5 years 2014 8.90% 9.53% 7.33%

ACTUARIAL

► Funded Ratio		44.2%
▶ Date of Last Valuation		01/16
► Actuary		Stone Consulting
► Assumed Rate of Return		7.75%
Funding Schedule Varies Total Inc		Varies Total Increasing
▶ Year Fully Funded		2032
► Unfunded Liability		\$131.4 M
► Total Pension Appropriation (Fiscal 2017)		\$10.6 M
	ACTIVE	RETIRED
Number of Members	648	568
► Total Payroll/Benefit	\$30.7 M	\$14.3 M
Average Salary/Benefit	\$47,300	\$25,100
► Average Age	47	73
► Average Service	12.0 years	NA

ASSET ALLOCATION (12/31/16)



EARNED INCOME OF DISABILITY RETIREES (2015)

► Number of Disability Retirees	47
► Number Who Reported Earnings	7
► Number of Excess Earners	0
► Total Amount of Refund Due	\$0

▶ 2016 Return	7.86%
▶ 2016 Market Value	\$104.7M
▶ 2012-2016 (Annualized)	8.90 %
▶ 1985-2016 (Annualized)	7.55%

INVESTMENT RETURN HISTORY